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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

George A. O'Toole et al.

Art Unit:

Not Yet Assigned

Serial No.:

09/673,605

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Filed:

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Title:

REGULATION OF BIOFILM FORMATION

Assistant Commissioner For Patents

Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

Submission of this statement is not a representation that a search has been made, nor is information included in this statement an admission that the information is material to patentability.

This statement is being filed before the receipt of a first Office action on the merits.

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Respectfully submitted

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TITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE Attorney Docket No. 00246/505003 PATENT AND TRADEMARK OFFICE Serial No. 09/673,605 Applicant George A. O'Toole et al. INFORMATION DISCLOSURE Filing Date October 17, 2000 STATEMENT BY APPLICANT (Use several sheets if necessary) Group Not Yet Assigned **IDS Filed** April 27, 2001 (37 C.F.R. §1.98(b)) Customer No. 21559 **U.S. PATENTS** Subclass Filing Date Examiner's Patent Number Issue Date Patentee Class (If Appropriate) Initials FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Class Subclass Translation Document Publication Country or Examiner's Date Patent Office (Yes/No) Initials Number OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) Costerton et al., "Microbial Biofilms," Annu. Rev. Microbiol. 49:711-745 (1995). Genevaux et al., "A Rapid Screening Procedure To Identify Mini-Tn10 Insertion Mutants Of Escherichia coli K-12 With Altered Adhesion Properties," FEMS Microbiology Letters 142:27-30 (1996). Graf et al., "Effect Of Transposon-Induced Motility Mutations On Colonization Of the Host Light Organ By Vibrio fischeri," Journal Of Bacteriology 176(22):6986-6991 (1994). Gottesman et al., "Regulation By Proteolysis: Energy-Dependent Proteases And Their Targets," Microbiological Reviews 56(4):592-621 (1992). O'Toole et al., "Flagellar And Twitching Motility Are Necessary For Pseudomonas Aeruginosa Biofilm Development," Molecular Micrbiology 30(2):295-304 (1998). O'Toole et al., "Initiation Of Biofilm Formation In Pseudomonas Fluorescens WCS365 Proceeds Via Multiple, Convergent Signalling Pathways: A Genetic Analysis," Molecular Microbiology 28(3):449-461 (1998). Watnick et al., "A Role For the Mannose-Sensitive Hemagglutinin In Biofilm Formation By Vibrio Cholerae El For," Journal Of Bacteriology 181(11):3606-3609 (1999). DATE CONSIDERED **EXAMINER** EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Sheet 1

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